

Converting Colors

$Yxy(51.8708, 0.3073, 0.4015)$

Have a look what the booklet for
Yxy(51.8708, 0.3073, 0.4015)
contains.

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Color

Yxy(51.8423, 0.3071, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	95CC98
RGB	149, 204, 152
RGB Percent	58%, 80%, 60%
CMY	0.4157, 0.2000, 0.4039
CMYK	0.27, 0.00, 0.25, 0.20
HSL	123°, 35%, 69%
HSV	123°, 27%, 80%
XYZ	39.6532, 51.8423, 37.6260
YIQ	181.6270, -16.0880, -27.8320

Conversions

Conversions Part 2

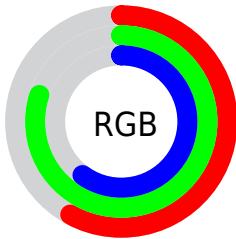
Format	Color
RYB	149, 201, 204
Decimal	9817240
CIELab	77.19, -28.06, 20.32
CIELCh	77, 34.642, 144.089
Yxy	51.8423, 0.3071, 0.4015
Android (android.graphics.Color)	4288007320 (0xFF95CC98)
YUV	181.6270, -14.6061, -28.6139
Hunter-Lab	72.0016, -27.6980, 19.4178

Details

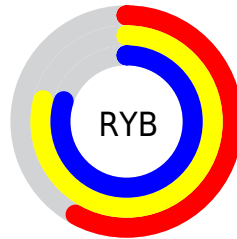
The Yxy color **51.8423, 0.3071, 0.4015** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.5448, 0.3186, 0.2659**, and the grayscale version is **46.6529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8136, 0.3090, 0.3822**, and **25.2937, 0.3045, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **49.5097, 0.3049, 0.4338**, and if you desaturate by 10%, it is **54.6181, 0.3093, 0.3719**.

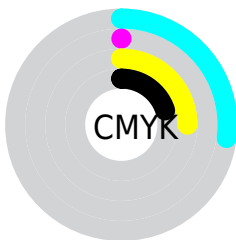
Distribution



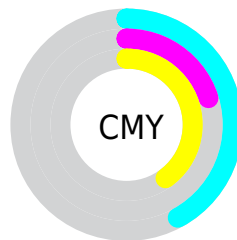
- Red (58%)
- Green (80%)
- Blue (60%)



- Red (58%)
- Yellow (79%)
- Blue (80%)



- Cyan (27%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)





- Cyan (42%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8423, 0.3071, 0.4015 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 51.8423, 0.3071, 0.4015 by changing the saturation by 10% instead.


 51.8423, 0.3071,
0.4015


 51.8423, 0.3071,
0.4015


393.8275, 0.3107,
0.3643

 36.8794, 0.3060,
0.4110


 92.8986, 0.3086,
0.3878

 25.1141, 0.3043,
0.4234


 119.7608, 0.3091,
0.3827

 16.1621, 0.3019,
0.4401


151.3583, 0.3095,
0.3784

 9.6389, 0.2980,
0.4638

188.0753, 0.3098,
0.3748

 5.1602, 0.2910,
0.4998

230.2963, 0.3101,
0.3716

 2.3416, 0.2787,
0.5644

278.4058, 0.3103,

 0.7956, 0.0822,

0.3689

0.9178

332.7881, 0.3105,
0.3665

0.0000, 0.0000,
0.0000

51.8423, 0.3071,
0.4015

51.8423, 0.3071,
0.4015

49.5097, 0.3049,
0.4338

54.6181, 0.3093,
0.3719

47.5911, 0.3029,
0.4679

57.8513, 0.3113,
0.3455

46.0644, 0.3011,
0.5020

61.5637, 0.3133,
0.3223

44.9024, 0.2997,
0.5340

65.7737, 0.3151,
0.3022

44.0746, 0.2990,
0.5614

70.4987, 0.3167,
0.2849

■ 43.5457, 0.2988,
0.5819

■ 71.6690, 0.3151,
0.2792

■ 43.2695, 0.2992,
0.5945

■ 43.2136, 0.2991,
0.5969

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.8423, 0.3531, 0.4136



51.8423, 0.3071, 0.4015



51.8423, 0.2647, 0.3644

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.8423, 0.3071, 0.4015



51.8423, 0.2388, 0.2580



51.8423, 0.3952, 0.3312

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.8423, 0.3071, 0.4015



38.5448, 0.3186, 0.2659

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.8423, 0.3600, 0.2959



51.8423, 0.3071, 0.4015



51.8423, 0.2689, 0.2550

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.8423, 0.3071, 0.4015



51.8423, 0.2273, 0.2795



51.8423, 0.3129, 0.2688



51.8423, 0.4060, 0.3684

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.8423, 0.3071, 0.4015



51.8423, 0.2437, 0.3332



51.8423, 0.3129, 0.2688



51.8423, 0.3857, 0.3189

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.8445, 0.3071, 0.4015



95.1541, 0.3111, 0.3483



57.8114, 0.3508, 0.3963



20.1843, 0.3108, 0.3522



0.0000, 0.0000, 0.0000



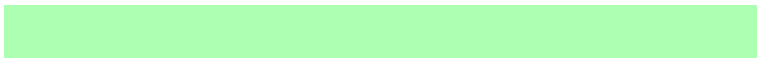
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.8445, 0.3071, 0.4015



83.6597, 0.3059, 0.4188



52.8418, 0.2892, 0.3626



12.5468, 0.3109, 0.3516



27.2016, 0.2989, 0.5961



1.4069, 0.2952, 0.5828

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.5448, 0.3186, 0.2659



58.2352, 0.3199, 0.2531



37.3747, 0.3448, 0.2978



11.3927, 0.3146, 0.3074



10.5020, 0.3351, 0.1619



0.5451, 0.3320, 0.1603

Previews

White Background



This preview shows how the Yxy color 51.8423, 0.3071, 0.4015 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 51.8423, 0.3071, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

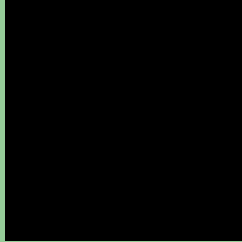
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8423, 0.3071, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 51.8423, 0.3071, 0.4015.

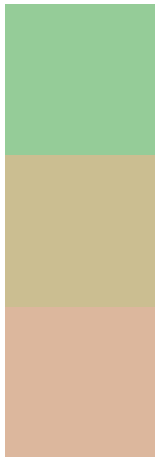


This preview shows how white text looks on a background with the Yxy color 51.8423, 0.3071, 0.4015.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.8423, 0.3071, 0.4015

Protanopia

51.5678, 0.3596, 0.3851

Deuteranopia

51.5169, 0.3671, 0.3599



Tritanopia

51.7069, 0.2751, 0.3084

Trichromacy



Original Color

51.8423, 0.3071, 0.4015

Protanomaly

51.2356, 0.3384, 0.3905

Deuteranomaly

51.0975, 0.3433, 0.3749

Tritanomaly

51.6325, 0.2867, 0.3409

Monochromacy



Original Color

51.8423, 0.3071, 0.4015

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.3132, 0.3107, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8423, 0.3071, 0.4015 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(149, 204, 152)` looks like.

```
.text, #text, p{  
    color:rgb(149, 204, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 204, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 204, 152) }
```

Border

The CSS property to change the border of an element to Yxy 51.8423, 0.3071, 0.4015 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 204, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(149, 204, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(149, 204, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 204, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 204, 152);  
box-shadow:4px 4px 4px 4px rgb(149, 204,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8423, 0.3071, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 204, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149,  
204, 152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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